Work Order ID Thursday, May 12, 201						÷			Page 1
Item ID: D3560 Revision, ID: Item Name: Arm W Start Date: 5/12/2 Required Date: 5/24/2 Reference:	Veldment 2011 Start Qty: 3.00		Accept	Cust Item I		<b>                                      </b>	Setup Star		
	ess Plan:	Date: //-05-/2	Tooling: SPC (Y/N):		ate:		Run Stai		
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool # Pla		Reject Qty	-	nsp. Stamp
Draw Nbr D3560	Revision Nbr Rev D	·						· ·	<del>. •</del>
100	BAND SAW <b>Memo</b> Cut blar	aks 16.750" long	0.00	11/05/31		4			
110  HAAS 1  HAAS CNC vertical machin	Memo le #1 1- Mill a 2-C'sink	CAL MACHINING #1  as per Folio FA694 Rev: AR  1.0.196" hole on manual mill as  1.7 per dwg D3560	0.00 0.00 & Dwg D3560 Rev:	1 ,		6	<b>_</b> Ø	·. ·	· · · · · · · · · · · · · · · · · · ·
120 QC QC Quality Control	QC2- Inspect parts o	ff machine FAI/FAIB	o.oo <b>b</b> .	a 11/06/01		6	<b>ø</b>		· · · .

W/O:	•		W	ORK ORDER CHANGI	ES			
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Part No	):	PAR #:	Fault Cate	egory:	NCR: Yes	No <b>DQA</b> :	Date: _	
	R	esolution:	Dispositi	on:	QA: N/C CI	osed:	Date: _	
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section C	Chief Eng	QC Inspector
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Thursday, May 12, 2011 3:36:44 PM



Page 2

Item ID:

D3560-042

Accept



Setup Start

Stop



**Revision ID:** 

Item Name:

Arm Weldment

**Start Date:** 

5/12/2011

Start Oty: 3.00

Required Date: 5/24/2011

Req'd Qty: 3.00



**Cust Item ID: Customer:** 

Reference:

4 -	nrovale	
ΑD	provals:	

**Process Plan:** 

Date: Date: **Tooling:** 

SPC (Y/N):

Date: Date: Run

Start

Stop

Sequence ID/ **Operation** Set Up/ **Tool ID** Tool # Plan Work Center ID Description **Run Hours** 

QC8- Inspect parts - second check

0.00 m/ 11/04/02

Accept Code Oty

Reject **Qty** 

Reject Insp. Stamp Number

130

Quality Control

Memo

0.00

140

Large Fab

Large Fab

Large Fab

0.00

0.00

1-Weld assembly as per dwg D3560

Memo

1- clean material (buff bracket and bottom of arm with blue pad )

- 2- set up bracket and arm on jig
- 3- preheat bracket and arm with torch
- 4- clean before welding with brush
- 5- set up machine to 135 amps
- 6- weld across bottom and top ends
- 7- reheat with torch (65 deg C)
- 8- on one side weld from bottom to top half way
- 9- same for other side (half way)
- 10- from half way point weld the rest of the first side (ease off pedal near

11- same for remaining side (ease off pedal near end)

W/O:	<u> </u>		W	ORK ORDER CHANG	ES				
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DATE	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	& Section C	Chief Eng	QC Inspector
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Page 3

Item ID:

D3560-042

Accept

Setup Start

Stop



**Revision ID:** 

Item Name:

Arm Weldment

**Start Date:** 

5/12/2011

Start Qty: 3.00

Required Date: 5/24/2011

Req'd Qty: 3.00



**Cust Item ID:** 

**Customer:** 

Reference:

Ap	nr	nv	2	S	•	

Process Plan:

Date:

Tooling:

Date:

Run

Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

150



QC

Quality Control

Operation Description

QC5- Inspect part completeness to step on W/O

Memo

Memo

Memo

Set Up/ **Run Hours** 

Tool ID

Tool # Plan Code Accept Reject Qty Qty

Reject Insp. Number Stamp

-042

160

QC

Quality Control

QC9- Inspect visual per QSI004- Fusion Welds

0.00

0.00

0.00

170

HandFinish

Hand Finishing

Chemical Conversion Coat per QSI005 4.1

0.00

0.00

6X \$ Mf 4/06/08

W/O:			WC	RK ORDER CHANG	ES				1
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Thursday, May 12, 2011 3:36:44 PM



Page 4

Item ID:

D3560-042

Accept



Setup Start

Stop



**Revision ID:** 

Item Name:

Arm Weldment

**Start Date:** 

5/12/2011

Start Qty: 3.00

Required Date: 5/24/2011

Req'd Qty: 3.00



**Cust Item ID: Customer:** 

Reference:

Approvals:

QC:

Process Plan:

Date:

Date:

Tooling: SPC (Y/N):

Date: Date: Run

Start



Sequence ID/

Work Center ID

180

Quality Control

Operation Description

QC3- Inspect Part Finish

Memo

Set Up/ **Run Hours** 

0.00

0.00

Tool ID

Tool # Plan Code Accept Qty Qty

Reject Reject Number

Insp. Stamp

190

Small Fab Small Fab

Small Fab

Memo

0.00

0.00

1-Press bushing in D3560 arm per dwg D3562

200

QC5- Inspect part completeness to step on W/O

0.00

-047

Quality Control

Memo

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W/O:	_		WC	RK ORDER CHA	NGES	-				1
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Page 5

Item ID:

D3560-042

Accept



Setup Start



**Revision ID:** 

Item Name:

Arm Weldment

**Start Date:** 

5/12/2011

Start Qty: 3.00

Required Date: 5/24/2011

Req'd Qty: 3.00



**Cust Item ID: Customer:** 

Tool ID

Reference:

**Approvals:** 

Process Plan:

OC:

Operation

Description

Date: Tooling:

Date:

SPC (Y/N):

Date:

Date:

14 11.06.09

Tool # Plan

Code

Start Run

Reject

Qty

Stop

Stop

Reject

Number

Sequence ID/

Work Center ID

210

Packaging Packaging

Identify as per dwg & Stock Location: WA

0.00

0.00

Memo

\*\*\* STOCK IN STEP CELL\*\*\*

Set Up/

**Run Hours** 

220

QC Quality Control OC2I-Final Inspection - Work Order Release

0.00

Memo

0.00

Accept

Qty



Insp.

Stamp

	<u> </u>							
W/O:			W	ORK ORDER CHANG	ES			•
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#### **Picklist Print**

Thursday, May 12, 2011 3:36:50 PM

Work Order ID: 69621

Parent Item:

D3560-042

Parent Item Name: Arm Weldment



Start Date: 5/12/2011

Required Date: 5/24/2011

Start Qty: 3.00

Required Qty: 3.00

Comments:

IPP Rev:A IPP rev B IPP Rev:C

New Issue 07.05.24 ECN 987 07.10.09

Manufactured

Purchased

07-12-18

EC

No

No

verified by: DD EC verified by: EC DD

Component Item	ID.
Item Name	

Item ID

Replacement Mfg/ Purch

ECN1048

Bin Primary Location Item

Last Location

Route Seq ID

100

Unit of Measure Each

11.0000

Loc Code

Qty on Hand

Qty per Kit Total

Qty

Qty Issued Date Issued Status

Page 1

D2808

Bushing

<u>Location</u>	
GA	

32896 46738

140

11 2 9

Loc Qty

16.0000

1.395 4.405263



6061-T6 Bar .500 x 5.00

M6061T6B0.500X05.00

Location

**MAT004** 

Loc Qty 16 16 Loc Code

Loc Code

8.37 ort 11/08/31

D3592-1

Plate

Manufactured

No

190

75.0000 Each

Location WA002

47015 48517

112154

75 27

Loc Qty

48

W/O:	•		W	ORK ORDER CHANG	ES					
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DART AEROSPACE LTD	Work Order:	69421
Description: Arm	Part Number:	D3560-2
Inspection Dwg: D3560 Rev: D		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

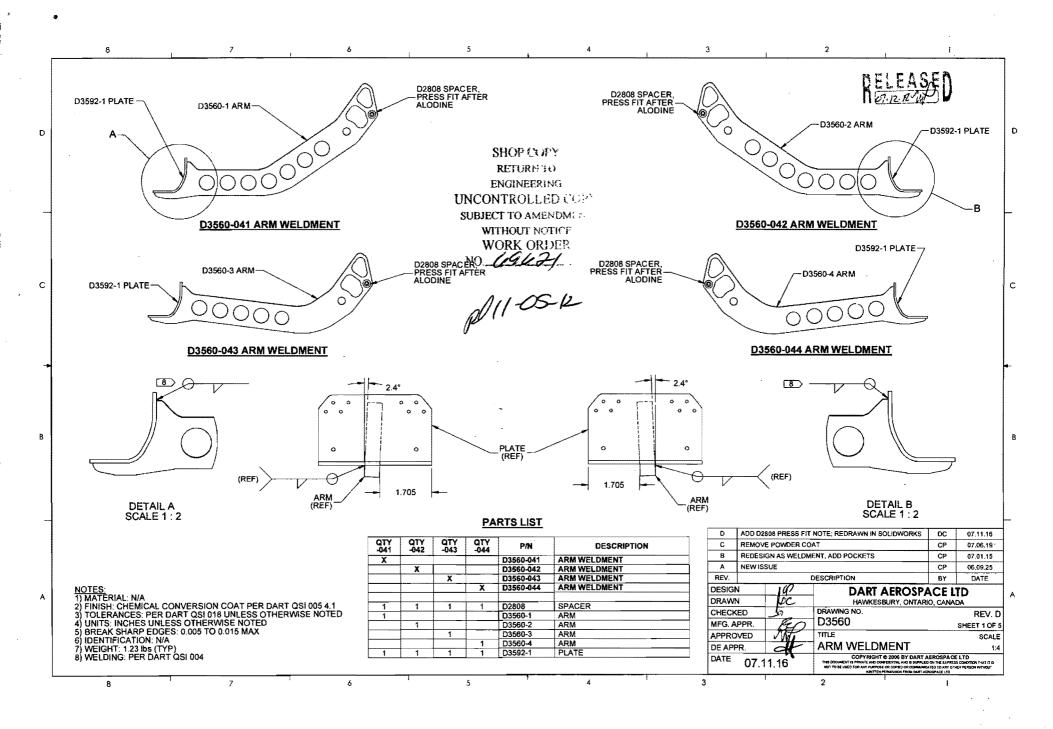
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Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
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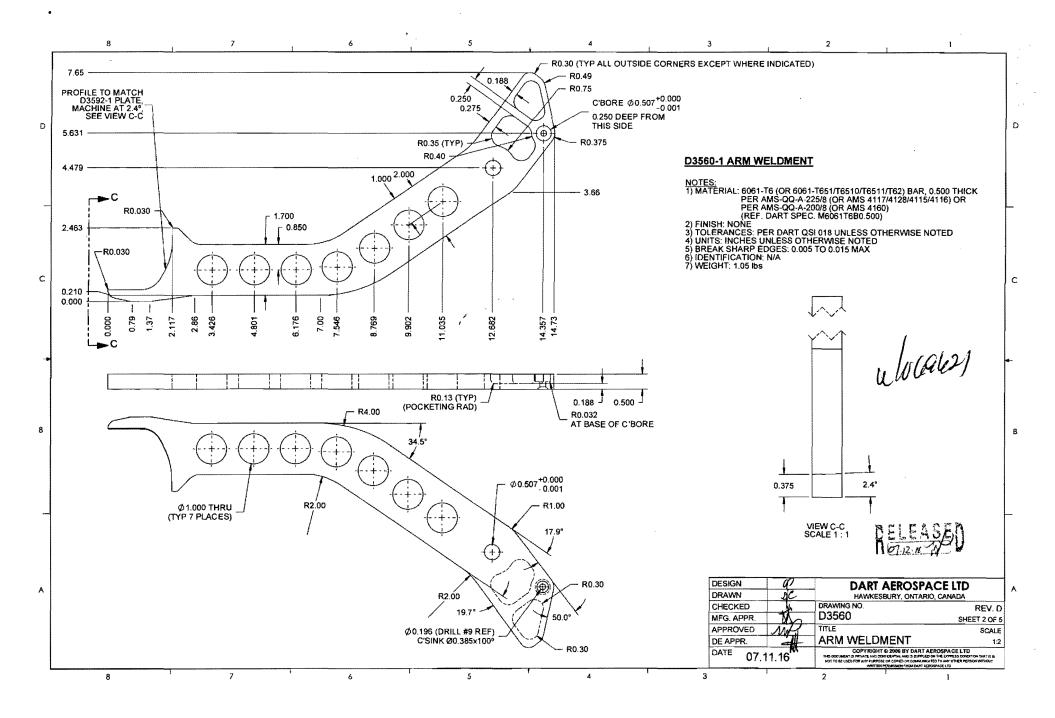
Measured by	B.A	Audited by:	orl	Prototype Approval:	N/A
Date	11/06/01	Date:	11/06/02	Date:	N/A

A 07.01.17 New Issue P/O D3560-042 KJ/JLM		
B 07.06.13 Dimensions updated per Dwg Rev B KJ/JLM	10	. 1
C 09.06.11 Dwg Rev updated KJ C	42-	W

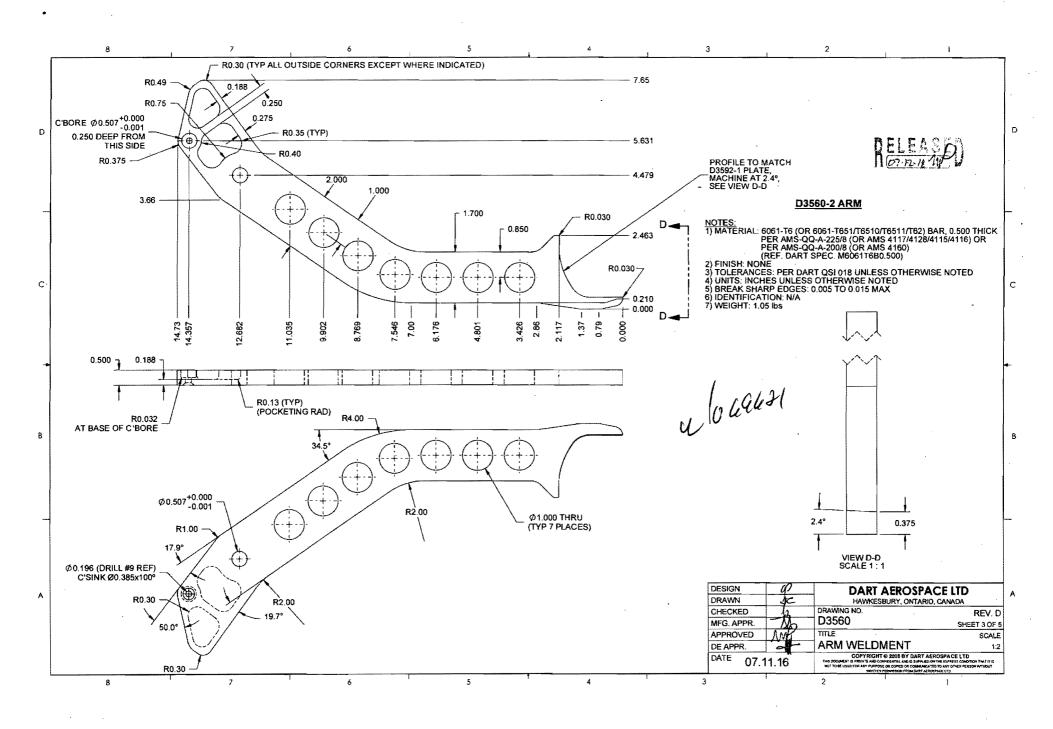
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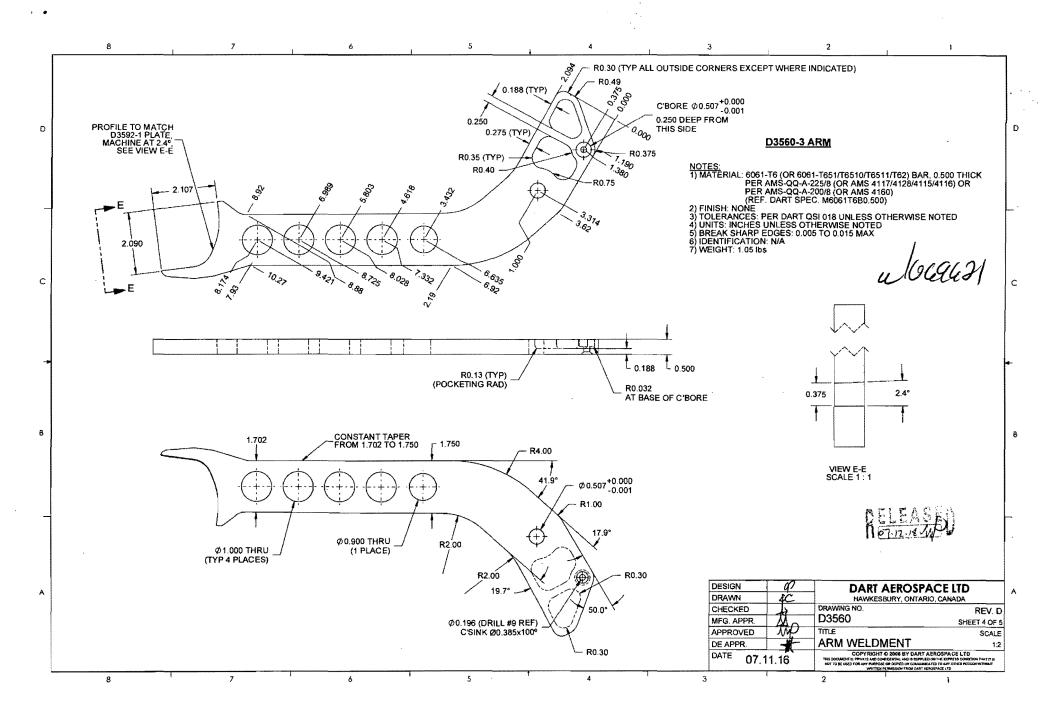
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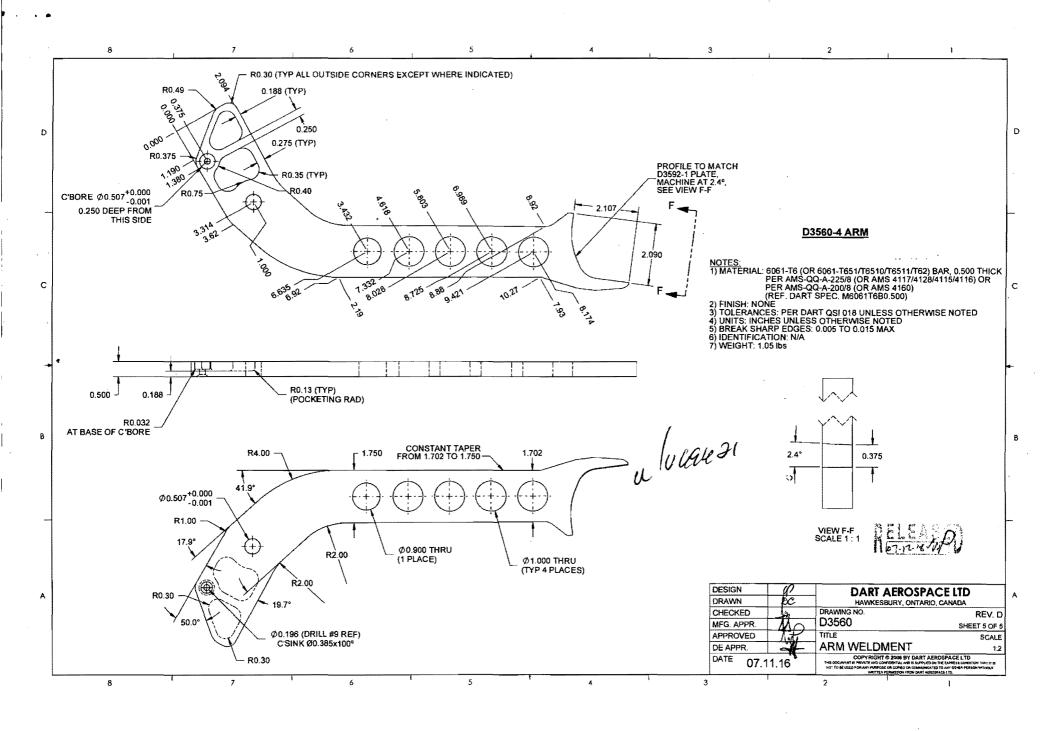
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